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**WHAT IS CLAIMED IS:**

1. A security system comprising:
  - a security gateway located at a premises, wherein the security gateway is operable to detect an alarm condition and to record video of at least a portion of the premises relating to the alarm condition, said video hereinafter referred to as Alarm Video;
  - a security system server operatively coupled to the security gateway through a first network, wherein the security gateway is configured to notify the security system server of the alarm condition and to transfer the Alarm Video to the security system server in substantially real time through the first network; and
  - wherein the security system server is further operatively coupled to the security gateway through a second network, wherein the security gateway is configured to notify the security system server of the alarm condition through the second network.
2. The system of claim 1, wherein the security gateway is further configured to notify the security system server of the alarm condition through the first network substantially simultaneously with notifying the security system server of the alarm condition through the second network.
3. The system of claim 1, wherein the first network is an IP network.
4. The system of claim 1, wherein the first network is an Ethernet-based network.
5. The system of claim 1, wherein the first network comprises the Internet.
6. The system of claim 1, wherein the first network comprises a frame relay network.

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- 1       7.       The system of claim 1, wherein the first network comprises a hybrid-fiber coaxial  
2       network.
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- 4       8.       The system of claim 1, wherein the first network comprises a fiber-optic network.
- 5
- 6       9.       The system of claim 1, wherein the first network comprises a DSL network.
- 7
- 8       10.      The system of claim 1, wherein the first network comprises an ATM network.
- 9
- 10      11.      The system of claim 1, wherein the first network comprises a high-speed fixed  
11      wireless network.
- 12
- 13      12.      The system of claim 1, wherein the first network comprises a high-speed mobile  
14      communications network.
- 15
- 16      13.      The system of claim 1, wherein the second network comprises a public switched  
17      telephone network.
- 18
- 19      14.      The system of claim 1, wherein the second network comprises a fixed wireless  
20      network.
- 21
- 22      15.      The system of claim 1, wherein the second network comprises a mobile  
23      communications network.
- 24
- 25      16.      The system of claim 1, wherein the security gateway is further operable to record  
26      audio from at least a portion of the premises relating to the alarm condition, said audio  
27      referred to hereinafter as Alarm Audio, and wherein the security gateway is further  
28      configured to transmit said Alarm Audio to the security system server through the second  
29      network in substantially real time.
- 30



- 1 22. The system of claim 20, wherein the second network comprises a frame relay  
2 network.
- 3
- 4 23. The system of claim 20, wherein the second network comprises an ATM network.
- 5
- 6 24. The system of claim 20, wherein the second network comprises a managed IP  
7 connection having quality of service.
- 8
- 9 25. The system of claim 20, wherein the security gateway is operatively coupled to  
10 the security system server through a third network, the security gateway being further  
11 configured to notify the security system server of the alarm condition through the third  
12 network.
- 13
- 14 26. The system of claim 25, wherein the third network comprises a public switched  
15 telephone network.
- 16
- 17 27. The system of claim 25, wherein the third network comprises a fixed wireless  
18 network.
- 19
- 20 28. The system of claim 25, wherein the third network comprises a mobile  
21 communications network.
- 22
- 23 29. The system of claim 20, wherein the security gateway is further operable to record  
24 audio from at least a portion the premises relating to the alarm condition, said audio  
25 referred hereinafter as Alarm Audio, and wherein the security gateway is further  
26 configured to transmit said Alarm Audio to the security system server through the second  
27 network in substantially real time.
- 28
- 29 30. The system of claim 20, wherein the security system server is configured to  
30 provide notification of the alarm condition to a public safety agency.
- 31

1 31. The system of claim 30, wherein the security system server is further configured  
2 to provide the Alarm Video to the public safety agency.

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4 32. A security system for providing security monitoring services for a customer  
5 comprising:

6 a security gateway located at a premises designated by the customer,  
7 wherein the security gateway is operable to detect an alarm condition and  
8 to record video of at least a portion of the premises relating to the  
9 alarm condition, said video hereinafter referred to as the Alarm  
10 Video,  
11 wherein the security gateway further comprises a network interface, and  
12 wherein the network interface is configured to connect the security  
13 gateway to a DSLAM through a first network, wherein the first  
14 network is a DSL network; and  
15 a security system server connected to the DSL through a second network, wherein  
16 the security gateway is configured to notify the security system server of  
17 the alarm condition and to transfer the Alarm Video to the security system  
18 server in substantially real time.

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20 33. The system of claim 32, wherein the second network is a dedicated bandwidth  
21 network.

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23 34. The system of claim 32, wherein the second network is a frame relay network.

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25 35. The system of claim 32, wherein the second network is an ATM network.

26

27 36. The system of claim 32, wherein the second network comprises a managed IP  
28 connection having quality of service.

29

30 37. The system of claim 32, wherein the security gateway is operatively coupled to  
31 the security system server through a third network, the security gateway being further

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1 configured to notify the security system server of the alarm condition through the third  
2 network.

3  
4 38. A security system for providing security monitoring services comprising:  
5 a security gateway located at a premises designated by a user, wherein the  
6 security gateway is operable to detect an alarm condition and to record  
7 video of at least a portion of the premises relating to the alarm condition,  
8 said video hereinafter referred to the Alarm Video;  
9 a security system server operatively coupled to the security gateway and a data  
10 center, the data center comprising:  
11 a user information database, comprising data about the user, said data  
12 referred to hereinafter as User Data,  
13 wherein the security gateway is configured to notify the data center of the  
14 alarm condition and to transfer the Alarm Video to the data center  
15 in substantially real time,  
16 wherein the security system server is operable to associate the Alarm  
17 Video with at least a portion of the User Data, said portion of the  
18 User Data referred to hereinafter as Associated User Data, and  
19 a monitoring client operatively coupled to the monitoring client, wherein the data  
20 center is configured to transfer the notification of the alarm condition, the  
21 Alarm Video and Associated User Data to the monitoring client, and  
22 wherein the monitoring client is configured to display at least a portion of  
23 the Alarm Video and the Associated User Data on the monitoring  
24 client.

25  
26 39. The system of claim 38, wherein the monitoring client is at a central monitoring  
27 station.

28  
29 40. The system of claim 39, wherein the security gateway is further operatively  
30 coupled to a central monitoring server at the central monitoring station, and wherein the

security gateway is configured to transfer a notification of the alarm condition to the central monitoring server.

41. The system of claim 38, wherein the data center is further operable to store the notification of the alarm condition in the user information database.

42. The system of claim 38, wherein the data center is further operable to store the Alarm Video in the user information database.

43. A security system for providing security monitoring services for a plurality of users comprising:

a plurality of security gateways, each located at a premises, wherein each security gateway is operable to detect an alarm condition and to record video of at least a portion of its respective premises relating to the alarm condition, said video hereinafter referred to the Alarm Video;

a security system server operatively coupled to the plurality of security gateways,  
the security system server comprising a user information database,  
comprising data about each of the plurality of users, said data referred to  
hereinafter as User Data,

wherein each security gateway is configured to notify the security system server of the alarm condition and to transfer the Alarm Video to the security system server in substantially real time,

wherein the security system server is operable to associate the Alarm Video with at least a portion of the User Data, said portion referred to hereinafter as Associated User Data; and

a monitoring client operatively coupled to the security system server, and wherein the security system server is configured to transfer the notification of the alarm condition, the Alarm Video and Associated User Data to the monitoring client, and wherein said monitoring client is configured to display at least a portion of the Alarm Video and the Associated User Data.

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44. The system of claim 43, wherein the security system server is further operable to store the notification of the alarm condition in the user information database.

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45. The system of claim 43, wherein the security system server is further operable to store the alarm video in the user information database.

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46. The system of claim 43, wherein the monitoring client is at a central monitoring station.

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